

Introduction to Visibility and Management of Operating and Support Costs (VAMOSOC)

DoD Cost Analysis Symposium

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What is VAMOSC ?

Historical O&S cost data for weapon systems:

- drawn from various Service reporting systems;
- easily retrieved and displayed;
- organized in a standard format:
 - Mission Personnel
 - Unit Level Consumption
 - Intermediate Maintenance
 - Depot Maintenance
 - Contractor Support
 - Sustaining Support
 - Indirect Support

VAMOSC PROGRAMS

	ARMY OSMIS	NAVY * VAMOSC	Air Force AFTOC
Managed by:	CEAC	NCCA	AFCAA
FY98 Budget	\$2.5M	\$1.5M	\$1.9M
# of Workyears (Ktr/In-House Sppt)	26/5	16/4	10/2
# of Data Sources	19	65	14
# of Systems	497	234	121
# of Years	8	14	9

* Navy VAMOSC contains two systems (Ship & Aviation) and also includes Marine Corps data.

SYSTEM COVERAGE

Number of Systems

(by Fiscal Years)

	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>
• Army	414	414	441	497
• Navy*	200	198	207	217
• Marine Corps	17	17	17	17
• Air Force	<u>107</u>	<u>105</u>	<u>121</u>	<u>121</u>
• Total	738	734	786	852

Navy* = Includes Ships, Aircraft, Electronics, Missiles, Torpedoes, and Automated Information Systems

Percent Coverage in VAMOSC

(Based on # of Systems)

	<u>MDAPS</u>	<u>Other</u>
• Army	100%	25%
• Navy	95%	10%
• Marine Corps	Not applicable	3%
• Air Force*	100%	Not available

*By end of FY99--Missiles and Satellites being added.

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How Do I Get VAMOSC ?

- **Army VAMOSC - Managed by CEAC**
 - Web site available:
<http://www.sbcweb.calibresys.com/OSMISWeb>
- **Navy VAMOSC - Managed by NCCA**
 - Web site available: <http://www.ncca.navy.mil/vamosc>
- **Air Force VAMOSC - Managed by AFCAA/FMFO**
 - Web site available: <http://www.aftoc.tasc.com>

Summary of Recent O&S Cost Assessments

- **Why do B-1Bs have higher O&S costs than B-52s?**
 - B-1B complexity drives higher OPTEMPO costs.
- **Will replacing M60A3s with M1s in the Army Reserve increase O&S costs?**
 - Yes, M1 spares and consumables drive higher O&S costs.
- **What O&S cost implications do VAMOSC data reveal for equipping the Army Reserve with UH-60?**
 - UH-60s have O&S costs more than twice as high as UH-1s.
- **Do SST LM2500s cost more to operate and support than the older TST LM2500s?**
 - SST engines are less fuel efficient, probably due to increased shaft horsepower.

VAMOSC Management

- **VAMOSC Improvement & Enhancement Working (VIEW) Group**
 - **Members include OSD(PA&E) and Service Cost Community (Navy's NCCA, Army's CEAC and Air Force's AFCAA)**
- **Annual CAIG Review of Service VAMOSC Programs (October time-frame)**

Service VAMOSC Improvements

- System Coverage - Expanding weapons systems costs...capturing more ACAT II-IV programs.
- Cost Coverage - Identifying more directly attributable costs to weapons systems.
- Timeliness - Making the data available in a more timely fashion....current processing produces once a year update.
- Resource Linkage - Integrate VAMOSC with the PPBS process.
- Training & Incentives - Expanding training.

PA&E VAMOSC Initiatives

- **Make VAMOSC Data Better**
 - PBDs for Services to pursue improvements
 - PBD021 Army
 - PBD022 Navy
 - PBD023 Air Force
- **Advertise VAMOSC as a Tool**
 - OSD Central Web Site-- (March 1999)
 - VAMOSC segment in roadshows-- (In-process)
 - Defense Acquisition University (DAU) Curriculum-- (May 1999)

Design out cost: PM's responsibility
Manage out cost: Operator's responsibility